

Claims

1. (Currently Amended) A bearing arrangement comprising a spherical bearing having a bearing housing and a ball located therein, the bearing housing having a rigid outer race and a rigid inner race and an annular elastomeric portion sandwiched between the races, wherein the outer race of the bearing housing is securely held in an interference fit hole and the arrangement has a non-zero torque between the ball and housing within a predetermined range prior to being installed in the interference fit hole, the torque remaining within the predetermined range when held in the interference fit hole.

2. (Previously Presented) A bearing arrangement according to Claim 1, wherein the spherical bearing is a high torque bearing having an oscillatory torque in the range of about 5 to about 100Nm prior to insertion in the interference fit hole.

3. (Previously Presented) A bearing arrangement according to Claim 2, wherein the spherical bearing is a high torque bearing having an oscillatory torque in the range of about 8 to about 50 Nm prior to insertion in the interference fit hole.

4. (Previously Presented) A bearing arrangement according to Claim 1, wherein the elastomeric portion is bonded to the inner and outer races.

5. (Previously Presented) A bearing arrangement according to Claim 1, wherein a liner is provided on the inner race in contact with the ball.

6. (Original) A bearing arrangement according to Claim 5, wherein the liner is a self-lubricating liner.

7. (Previously Presented) A bearing arrangement according to Claim 1, wherein the inner race and ball are both manufactured from metal and the inner race is in direct contact with the ball.

8. (Canceled).

9. (Previously Presented) A bearing arrangement according to Claim 2, wherein a liner is provided on the inner race in contact with the ball.

10. (Previously Presented) A bearing arrangement according to Claim 9, wherein the liner is a self-lubricating liner.

11. (Previously Presented) A bearing arrangement according to Claim 2, wherein the inner race and ball are both manufactured from metal and the inner race is in direct contact with the ball.

12. (Previously Presented) A bearing arrangement according to Claim 3, wherein a liner is provided on the inner race in contact with the ball.

13. (Previously Presented) A bearing arrangement according to Claim 12, wherein the liner is a self-lubricating liner.

14. (Previously Presented) A bearing arrangement according to Claim 3, wherein the inner race and ball are both manufactured from metal and the inner race is in direct contact with the ball.

15. (Previously Presented) A bearing arrangement according to Claim 4, wherein a liner is provided on the inner race in contact with the ball.

16. (Previously Presented) A bearing arrangement according to Claim 4, wherein the inner race and ball are both manufactured from metal and the inner race is in direct contact with the ball.

17. (New) A bearing arrangement according to Claim 1, wherein the rigid inner race and the elastomeric portion have respective inner surfaces that substantially conform to the shape of the ball.

18. (New) A bearing arrangement according to Claim 1, wherein the rigid inner race and the elastomeric portion are located substantially within the bearing housing.